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NUMBER OF WORKERS NEEDED ON FARMS IN 1942

by
Martin R. Cooper, Senior Agricultural Economist

This report contains estimates of the number of farm workers that will be needed in each State during each month of 1942 if the January agricultural production goals are approximately realized. They are revisions of preliminary estimates made in March 1942 for very limited distribution. 1/

The first step in making the estimate was to determine for each State the number of man days used in farm operations during each month of 1941, and to convert days of work into number of farm workers. The second step was to estimate the number of additional days of farm work that would be required during each month of 1942 to produce the additional quantities of commodities called for by the January production goals, and then to convert the additional days of work into additional numbers of farm workers. The third step was to adjust downward the total number of workers estimated for 1942 in some States where the number of workers on farms in 1941 appeared to be larger than was necessary to do the farm work.

All available sources of information were canvassed for basic data necessary for estimating the number of days of work. Totals for each State were built up from estimates of days required to produce and haul to market each crop and class of livestock and livestock product, and for the care and maintenance of farm pastures, woodlots, fences, buildings, machinery, etc. The final monthly distribution of total days of work was determined by using data assembled from Federal and State publications. In some cases State monthly totals were built up from crop and livestock enterprise data, and in other cases from data for the entire farm.

1/ Several members of the Bureau of Agricultural Economics helped in assembling information on which these estimates are based. W. C. Holley and V. S. Lewis assisted in making estimates of the number of days of labor used by months in 1941 and 1942. J. W. Birkhead, A. P. Brodell, W. D. Goodsell, H. W. Hawthorne, R. D. Jennings, R. E. Marx, S. W. Mendum, O. L. Mimms, E. E. Peterson, D. R. Rush, H. L. Stewart, and R. S. Washburn assisted in assembling material and in the preparation of a basis for distributing the number of days of work by months. E. E. Snow, A. M. Procise and most of the Division's clerical staff in Washington helped at various times in the computations.

In transforming days worked each month in 1941 into number of farm workers, the following three sets of data were used:

- (1) Estimated 10-hour days of work, per month, per State, as described above.
- (2) Relative length of day worked in each month. 2/
- (3) Number of farm workers reported on the first of each month by geographic divisions and for the United States. 3/

The number of days of farm work for each month was adjusted by the relative length of workday per month and the result converted to a percentage basis. This percentage distribution by months for each State was used in estimating the number of workers used in each State during each month of 1941.

The next procedure was to estimate for 1942 the additional number of days of work, and the additional workers needed to perform the extra work, for each month in each State, on the assumption that the agricultural production goals established in January 1942 would be approximately realized. These estimates showed for the country as a whole, about 143 million more 10-hour days of farm work would be required to attain production goals in 1942 than were used in 1941 (table 1). This increase of 7 percent in days of labor would be necessary if farms continued to give their crops and livestock the same degree of care as they received in 1941, and if they continued to use about the same number of days of work on farm maintenance as was used in 1941.

2/ The relative lengths of days worked decided upon were, 100 percent in May, June, July, and August; 75 percent in December, January and February; 83 percent in March and November; 92 percent in April and October; and 96 percent in September. In some of the Southern States some variations from these were used. These relatives were selected so that on a percentage distribution basis, the estimated days of work in each month corresponded closely with the number of agricultural workers published by BAE for the corresponding month.

3/ Farm Labor Report, BAE, April 16, 1942. Data in the April 16 report, and in similar BAE reports are for the first of each month. The estimates in this report on days of work are totals for each month, and the number of workers needed are averages for the month. They are more nearly comparable with the average number of workers reported for each 2 successive months, or the average of the beginning and end of the month. Published estimates were available also for each State for the first of April, May, and June, 1942.

Obviously because farmers can work harder and better, an increase of 7 percent in the number of days of work to be performed would not require a 7-percent increase in the actual number of farm workers. By using the monthly estimates of number of days of work performed and the number of hired workers employed in 1941, an estimate of the additional number of workers needed by months in 1942 was determined. The procedure followed was to relate changes which occurred from month to month in the hours of additional work to the number of persons hired, as the seasonal farm work increased from winter to spring, then to summer, and then declined from summer through fall to winter. The general thought was that farmers in most areas are not fully employed during the winter and early spring months and, that early in the season family farm workers can absorb most of the additional days of work without hiring additional labor. But, as the season progresses and seasonal field labor approaches a peak, it becomes necessary to hire workers in order to get the jobs done, even though family workers increase considerably the number of hours worked per day.

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The computations showed that family workers usually absorbed about all of the increased work during February and the early part of March. Beginning in March, however, it is necessary for farmers as a group to hire additional workers, and the number hired increases as the season progresses. In general, farmers hired about one additional worker for each 600 additional hours of work to be performed during the month of April. As the farm field work really got under way, and during most of the remainder of the year when crops were being cared for and harvested, an increase or decrease of each 300 to 500 hours of work to be done was accomplished by the hiring or the releasing of one hired farm worker. The additional hours of labor required each month because of the expected increase in production goals divided by the number of hours of work that usually resulted in the hiring of an additional worker, gave the number of additional workers that would be needed each month in each State in 1942. The additional workers computed in this way were added for each month to the number of workers estimated for 1941, to get a first approximation of the number needed in 1942.

Consideration was then given to the question of whether the number of workers in 1941 in each State in each month represented the number actually needed to get the farm work done. The conclusion reached was that, in general, there were in most States surpluses of labor in the winter months, but that these surpluses were largely of family workers, many of whom were boys and girls who were attending local schools during those months. During the months of full farm activity there seemed to be some surplus workers in several States in 1941, and especially in the Southern States. Consequently, an adjustment downward was made from the number of workers on farms in 1941 in some States, and particularly in the South Atlantic, East South Central, and West South Central Divisions.

Adjustments made in these instances were not large and occurred in States where large numbers of small, nonproductive, farms are found. As a result of these adjustments, it is estimated that in some of the States, and in the East South Central and West South Central groups as a whole, the number of workers needed in 1942, on the average, will be slightly less than the number used in 1941 (table 2). In each of the other geographic divisions the average number needed per month will range from about 1.3 percent to about 3.2 percent greater than the number of workers in 1941.

The number of workers needed per month during the busy season, consisting primarily of the 5 months, June through October, is considerably greater than the number needed during the winter and early spring months. Likewise the percentage increase in number of workers needed during these 5 months of 1942 compared with the same months of 1941 was somewhat larger in most regions than the increase per month for the entire year (table 2).

For the United States as a whole the estimates showed that on an annual basis the 7-percent increase in the number of days of work to be done in 1942 as compared with 1941 would require an increase in number of agricultural workers of about 1 percent for the entire year and about $1\frac{1}{2}$ percent during the busy season, June through October. In actual numbers the increase amounts to 95,000 workers per month for the entire year, and about 165,000 workers per month for the 5 busy months.

It must be recognized that these estimates for 1942 are influenced somewhat by employment conditions that existed in 1941. With less labor and higher farm wages in 1942, many farmers may work longer hours per day in the critical seasons, although the average hours worked in different States in 1941 frequently amounted to nearly 12 hours per day. It is possible also that many farm jobs will be slighted in 1942 if labor is not available, or if wages are unreasonably high. Then, too, there are farm jobs, and particularly those relating to farm maintenance, that can be postponed for some time.

Tendencies like these would result in a reduction in the number of workers used in agriculture. On the other hand, there are several indicators that the quality of farm labor in the rush season of 1942 will be poorer than the quality in 1941. The reason for this is that many of the best male workers have gone or will go into military service, or into industry, and that greater dependence will have to be placed upon older workers, school boys and girls, and farm women. It may be possible, therefore, that the amount of work to be done in agriculture during the peak seasons will require a larger number of workers than are indicated in these estimates. In other words, the estimates more nearly represent reasonable expectations with a fairly good quality of worker and with a pretty full length of workday.

Separate estimates were made of the number of hired workers and family workers that will be needed in 1942. The procedure here was to break down by States and months the number of workers estimated in 1941 into hired and family workers in proportion to the hired and family workers indicated by data collected by the Division of Agricultural Statistics, and then to assume that most of the increase needed in 1942 will be composed of family workers (table 3). These relationships may change as the 1942 season progresses but data thus far available for 1942 indicate that most of the increase is in family workers, and that the percentage of the total that is hired workers is slightly less in most instances than in 1941. 4/

4/ Regional and national farm labor reports of BAE for each month of 1941 and January - June 1942. Also published reports of the Bureau of Agricultural Economics for each State for the first of April, May, and June 1942.

Tables 4, 5, and 6 contain estimates of the number of total and hired agricultural workers needed in 1942 by months, for each State, each geographic region, and for the United States, respectively, and the percentage that the number of hired workers is of the total for each month. For the United States the lowest number of farm workers needed in 1942 is about 8,404,000 in January and the highest number is 12,068,000 in June. Wide variations in the number needed from month to month are shown for each State and geographic division. It is estimated that in most months from about 20 to 25 percent of all workers in the United States will be hired workers. In some States, however, hired workers will make up more than 50 percent of the total in some months.

Table 1.- Estimated number of 10-hour days of farm work required in 1941 and 1942, by geographic divisions

Geographic division	Estimated number days of farm work		Percentage increase, 1942 over 1941
	1941	1942 1/	
	Thousands	Thousands	
New England	37,576	40,391	7.5
Middle Atlantic	125,229	131,375	4.9
East North Central	339,685	367,608	8.2
West North Central	419,238	447,663	6.8
South Atlantic	326,218	346,397	6.2
East South Central	263,120	282,600	7.4
West South Central	335,991	362,612	7.9
Mountain	101,149	105,149	4.0
Pacific	126,826	134,006	5.7
U. S. total	2,075,032	2,217,801	6.9

1/ Number of 10-hour days if January agricultural production goals for 1942 are attained.

Table 2.- Average number per month of farm workers needed in 1941 and 1942, by geographic divisions. (Averages per month for year and for the 5 months of high employment)

Geographic division	Average number of agricultural workers: from (12 month average)		:Change from 1941 to 1942 2/		Average number of agricultural workers: from (5 month average 1/)		:Change from 1941 to 1942 2/		
	1941	1942 2/	to 1942:	1941	1942 2/	to 1942:	1941	1942 2/	to 1942:
	Thousands	Thousands	Percent	Thousands	Thousands	Percent	Thousands	Thousands	Percent
New England	247	254	+2.8	277	287	+3.6			
Middle Atlantic	620	632	+1.9	713	730	+2.4			
East North Central	1,420	1,465	+3.2	1,522	1,580	+3.8			
West North Central	1,650	1,680	+1.8	1,810	1,857	+2.6			
South Atlantic	1,931	1,957	+1.3	2,169	2,200	+1.4			
East South Central	1,685	1,656	-1.7	1,874	1,848	-1.4			
West South Central	1,798	1,785	-0.7	2,009	2,005	-0.2			
Mountain	439	452	+3.0	505	520	+3.0			
Pacific	564	568	+0.7	658	673	+2.3			
U. S. total	10,354	10,449	+0.9	11,537	11,700	+1.4			

1/ June, July, August, September, and October average.

2/ Based on production called for in January production goals.

Table 3.- Average number for month of total and hired workers needed in 1942, by States and geographic divisions. (Averages per month for year and for the months of high employment 1/)

State and geographic division	Average number of agricultural workers					
	12-month average			5-month average 1/		
	Total	Hired	Percent hired is of total	Total	Hired	Percent hired is of total
	Thousands	Thousands	Percent	Thousands	Thousands	Percent
<u>NEW ENGLAND</u>						
Maine	62	17	27	73	25	34
New Hampshire	26	7	27	28	9	32
Vermont	42	14	33	48	17	35
Massachusetts	64	27	42	72	34	47
Rhode Island	8	4	50	9	4	46
Connecticut	52	20	38	57	25	44
Total	254	89	35	287	114	40
<u>MIDDLE ATLANTIC</u>						
New York	288	103	36	340	137	40
New Jersey	62	29	47	73	38	52
Pennsylvania	282	83	29	317	106	33
Total	632	215	34	730	281	38
<u>EAST NORTH CENTRAL</u>						
Ohio	331	65	20	359	83	23
Indiana	252	46	18	273	56	20
Illinois	317	78	25	337	89	26
Michigan	259	46	18	282	59	21
Wisconsin	306	71	23	329	83	25
Total	1,465	306	21	1,580	370	23
<u>WEST NORTH CENTRAL</u>						
Minnesota	303	58	19	332	69	21
Iowa	348	76	22	376	88	23
Missouri	371	67	18	405	85	21
North Dakota	142	43	30	170	66	39
South Dakota	114	24	21	124	30	24
Nebraska	180	29	16	201	38	19
Kansas	222	34	15	249	42	17
Total	1,680	331	20	1,857	418	23
<u>SOUTH ATLANTIC</u>						
Delaware	17	6	35	19	8	42
Maryland	78	30	38	88	36	41
Virginia	259	61	24	287	69	24
West Virginia	133	18	14	145	24	17
North Carolina	562	85	15	653	99	15
South Carolina	333	95	29	386	118	31
Georgia	440	119	27	498	134	27
Florida	135	60	44	124	49	40
Total	1,957	474	24	2,200	537	24

Table 3.- Average number for month of total and hired workers needed in 1942, by States and geographic divisions. (Averages per month for year and for the months of high employment 1/). - Contd -

1/ 5 months are June, July, August, September, October.

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months

NEW ENGLAND STATES

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired	Thousands	
	Thousands	Thousands	Percent	
<u>MAINE</u>				
January	47.0	9.0		19.1
February	47.5	9.5		20.0
March	51.0	10.5		20.6
April	56.5	13.0		23.0
May	68.5	19.0		27.7
June	75.5	24.0		31.8
July	77.5	28.0		36.1
August	72.0	25.0		34.7
September	74.5	28.0		37.6
October	65.5	21.0		32.1
November	55.5	12.0		21.6
December	50.0	9.0		18.0
<u>NEW HAMPSHIRE</u>				
January	22.5	4.5		20.0
February	23.0	5.0		21.7
March	23.5	5.5		23.4
April	25.0	6.5		26.0
May	27.5	9.0		32.7
June	29.5	10.0		33.9
July	31.5	10.5		33.3
August	28.5	9.0		31.6
September	26.0	7.5		28.8
October	25.5	7.0		27.4
November	24.5	6.5		26.5
December	23.0	5.0		21.7
<u>VERMONT</u>				
January	35.5	9.0		25.4
February	37.5	9.5		25.4
March	39.0	10.5		27.0
April	42.0	13.0		31.0
May	43.5	14.0		32.2
June	46.0	16.0		34.8
July	49.0	18.5		37.8
August	48.0	18.0		37.5
September	49.0	18.5		37.8
October	45.5	15.0		33.0
November	39.0	10.5		26.9
December	36.5	10.0		27.8

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

Month	NEW ENGLAND STATES			
	Workers needed, 1942			
	Total	Hired	Percentage hired workers are of total	
	Thousands	Thousands		Percent
<u>MASSACHUSETTS</u>				
January	53.0	20.5		38.7
February	51.5	19.0		36.9
March	56.0	20.5		36.6
April	61.5	24.0		39.6
May	66.0	28.5		43.2
June	73.5	35.0		47.6
July	77.5	38.5		49.7
August	74.0	35.5		48.0
September	71.0	33.0		46.5
October	66.0	28.0		42.4
November	60.0	23.5		39.2
December	56.0	22.5		40.1
<u>RHODE ISLAND</u>				
January	6.5	2.5		38.5
February	6.5	2.5		38.5
March	7.0	3.0		42.9
April	7.0	3.0		42.9
May	8.0	3.5		43.8
June	8.5	3.5		41.2
July	9.0	3.5		38.9
August	8.5	4.0		47.1
September	8.5	4.0		47.1
October	9.0	4.5		50.0
November	9.0	4.5		50.0
December	7.5	3.5		46.7
<u>CONNECTICUT</u>				
January	43.5	14.0		32.2
February	44.5	15.0		33.7
March	46.0	16.0		34.8
April	47.5	17.5		36.8
May	50.0	19.0		38.0
June	56.0	23.0		41.1
July	60.0	28.0		46.7
August	57.0	26.0		45.6
September	56.0	24.0		42.9
October	55.5	22.5		40.5
November	54.5	22.0		40.4
December	50.0	17.5		35.0

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months - Continued-

Month	MIDDLE ATLANTIC STATES		
	Workers needed, 1942		
	Total	Hired	Percentage hired workers are of total
	Thousands	Thousands	Percent
	<u>NEW YORK</u>		
January	217.5	57.5	26.4
February	225.0	64.5	28.7
March	242.0	69.5	28.7
April	270.0	86.0	31.8
May	295.0	110.0	37.3
June	335.0	134.0	40.0
July	365.0	150.0	41.1
August	360.0	148.0	41.1
September	335.0	135.0	40.3
October	304.0	116.0	38.2
November	270.0	96.0	35.6
December	240.0	70.0	29.2
	<u>NEW JERSEY</u>		
January	44.0	17.0	38.6
February	46.0	18.0	39.1
March	52.5	22.0	41.9
April	58.5	26.5	45.3
May	64.0	30.0	46.9
June	70.5	35.0	49.6
July	76.5	40.5	52.9
August	74.5	40.0	53.7
September	74.5	39.5	53.0
October	69.5	35.5	51.1
November	59.0	28.0	47.5
December	50.5	20.0	39.6
	<u>PENNSYLVANIA</u>		
January	235.0	55.5	23.6
February	236.5	57.5	24.3
March	251.0	59.0	23.5
April	273.5	70.0	25.6
May	282.0	79.0	28.0
June	309.0	96.0	31.0
July	333.0	106.5	32.0
August	307.5	102.5	33.3
September	313.5	110.0	35.1
October	322.0	115.0	35.7
November	277.5	80.5	29.0
December	242.0	63.0	26.0

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

Month	EAST NORTH CENTRAL STATES			Percentage hired workers are of total	
	Workers needed, 1942		Thousands		
	Total	Hired			
			Thousands	Percent	
	<u>OHIO</u>				
January	276.5	36.5		13.2	
February	285.5	41.0		14.4	
March	306.5	47.5		15.5	
April	337.5	60.0		17.8	
May	353.0	72.0		20.4	
June	370.0	85.0		23.0	
July	385.0	100.0		26.0	
August	347.0	75.0		21.6	
September	346.0	75.0		21.7	
October	350.0	80.0		22.9	
November	332.0	66.5		20.0	
December	290.0	45.0		15.5	
	<u>INDIANA</u>				
January	211.0	31.0		14.7	
February	211.5	31.0		14.7	
March	224.0	33.5		15.0	
April	255.5	45.5		17.8	
May	270.0	48.5		18.0	
June	285.0	65.0		22.8	
July	287.5	67.0		23.3	
August	265.5	47.5		17.9	
September	263.0	47.0		17.9	
October	264.5	52.5		19.8	
November	254.0	50.0		19.7	
December	228.5	38.0		16.6	
	<u>ILLINOIS</u>				
January	269.0	57.0		21.2	
February	275.5	55.0		20.0	
March	291.5	58.5		20.1	
April	318.0	75.0		23.6	
May	321.5	80.0		24.9	
June	333.5	90.0		27.0	
July	347.5	96.0		27.6	
August	332.5	85.0		25.6	
September	332.0	84.5		25.5	
October	339.0	90.0		26.5	
November	341.0	92.0		27.0	
December	301.5	70.0		23.2	

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months - Continued -

EAST NORTH CENTRAL STATES						
Month	Workers needed, 1942					
	Total	Hired	Percentage hired workers are of total			
	Thousands	Thousands	Percent			
<u>MICHIGAN</u>						
January	219.5	30.0	13.7			
February	223.0	32.0	14.3			
March	227.5	32.0	14.1			
April	250.0	40.0	16.0			
May	275.0	50.0	18.2			
June	300.0	62.0	20.7			
July	300.5	65.0	21.6			
August	265.0	52.5	19.8			
September	270.0	57.5	21.3			
October	275.5	58.5	21.2			
November	265.5	41.0	15.4			
December	235.0	30.0	12.8			
<u>WISCONSIN</u>						
January	262.5	53.0	20.2			
February	267.5	52.5	19.6			
March	279.0	55.5	19.9			
April	304.0	65.5	21.5			
May	325.0	75.0	23.1			
June	350.5	87.5	25.0			
July	355.0	92.5	26.1			
August	324.0	81.0	25.0			
September	310.0	78.0	25.2			
October	303.5	76.0	25.0			
November	305.5	72.0	23.6			
December	282.0	60.0	21.3			
<u>WEST NORTH CENTRAL STATES</u>						
<u>MINNESOTA</u>						
January	256.0	44.0	17.2			
February	263.0	47.0	17.9			
March	274.0	48.0	17.5			
April	295.0	56.0	19.0			
May	325.0	62.0	19.1			
June	346.5	66.0	19.0			
July	342.0	72.0	21.1			
August	319.0	70.0	21.9			
September	325.0	68.0	20.9			
October	325.0	66.5	20.5			
November	297.0	53.5	18.0			
December	267.0	43.0	16.1			

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Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

WEST NORTH CENTRAL STATES

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired		
			Thousands	Thousands
<u>IOWA</u>				
January	307.0	51.5		16.8
February	303.5	51.5		16.9
March	308.0	55.0		17.9
April	340.0	72.0		21.2
May	377.5	90.5		24.0
June	396.0	95.0		24.0
July	406.5	97.5		24.0
August	366.0	84.0		23.0
September	352.0	80.0		22.7
October	361.5	86.0		23.8
November	355.5	85.0		23.9
December	307.0	67.5		22.0
<u>MISSOURI</u>				
January	319.5	48.0		15.0
February	325.5	46.5		14.3
March	333.0	45.0		13.5
April	359.0	57.5		16.0
May	393.0	71.0		18.1
June	422.0	88.5		21.0
July	429.0	98.5		23.0
August	390.0	80.0		20.5
September	394.0	81.0		20.6
October	390.0	78.0		20.0
November	370.5	59.0		15.9
December	324.5	50.0		15.4
<u>NORTH DAKOTA</u>				
January	106.5	16.5		15.5
February	108.5	17.5		16.1
March	111.5	17.5		15.7
April	130.0	28.5		21.9
May	150.0	50.0		33.3
June	156.0	53.5		34.3
July	168.0	60.0		35.7
August	185.0	75.5		40.8
September	183.0	78.5		42.9
October	160.0	60.0		37.5
November	130.0	40.0		30.8
December	110.5	21.5		19.4

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

Month	WEST NORTH CENTRAL STATES			Percentage : hired workers : are of total	
	Workers needed, 1942				
	Total	Hired			
	Thousands	Thousands			
		<u>SOUTH DAKOTA</u>			
January	98.5	14.0		14.2	
February	101.0	14.5		14.4	
March	103.5	15.0		14.5	
April	115.0	25.5		22.2	
May	121.5	29.0		23.9	
June	117.5	23.5		20.0	
July	139.0	38.0		27.3	
August	142.0	42.5		29.9	
September	116.5	28.0		24.0	
October	105.0	19.0		18.1	
November	105.0	19.0		18.1	
December	100.0	16.0		16.0	
		<u>NEBRASKA</u>			
January	151.0	15.0		9.9	
February	150.0	16.0		10.7	
March	156.0	18.0		11.5	
April	173.0	23.5		13.6	
May	194.0	35.0		18.0	
June	208.0	40.0		19.2	
July	218.0	45.0		20.6	
August	206.5	41.0		19.9	
September	190.5	34.0		17.8	
October	180.0	32.0		17.8	
November	177.0	30.0		16.9	
December	160.5	22.0		13.7	
		<u>KANSAS</u>			
January	185.0	25.5		13.8	
February	190.0	24.0		12.6	
March	202.5	27.0		13.3	
April	218.5	30.0		13.7	
May	240.0	36.0		15.0	
June	270.0	51.0		18.9	
July	274.0	52.0		19.0	
August	248.0	37.0		14.9	
September	232.5	36.0		15.5	
October	220.5	34.0		15.4	
November	200.5	30.0		15.0	
December	190.0	28.0		14.7	

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

Month	SOUTH ATLANTIC STATES			Percentage hired workers are of total	
	Workers needed, 1942		Thousands		
	Total	Hired			
	Thousands	Thousands	Percent		
<u>DELAWARE</u>					
January	12.0	3.0		25.0	
February	13.0	3.5		26.9	
March	14.0	4.0		28.6	
April	15.5	5.0		32.2	
May	17.5	6.5		37.1	
June	19.0	8.0		42.1	
July	19.5	8.5		41.0	
August	19.5	8.0		41.0	
September	19.5	8.0		41.0	
October	18.0	7.0		38.9	
November	17.0	6.0		35.3	
December	14.0	4.0		28.6	
<u>MARYLAND</u>					
January	62.0	21.0		33.9	
February	65.5	23.0		35.1	
March	69.0	25.0		36.2	
April	74.0	27.0		36.5	
May	82.5	33.0		40.0	
June	92.0	38.0		41.3	
July	90.0	37.0		41.1	
August	85.0	33.5		39.4	
September	92.5	38.0		41.1	
October	82.5	33.0		40.0	
November	74.0	29.0		39.2	
December	62.0	22.0		35.5	
<u>VIRGINIA</u>					
January	205.5	46.5		22.6	
February	226.0	50.0		22.1	
March	249.5	53.5		21.4	
April	267.0	59.5		22.3	
May	290.0	66.5		22.9	
June	312.0	72.5		23.2	
July	306.5	70.5		23.0	
August	284.5	60.0		21.1	
September	290.0	72.5		25.0	
October	240.0	72.5		30.2	
November	230.0	64.0		27.8	
December	210.0	46.0		21.9	

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

SOUTH ATLANTIC STATES

Month	Workers needed, 1942			
	Total	Hired	Percentage	
			hired workers are of total	
		Thousands	Percent	
<u>WEST VIRGINIA</u>				
January	115.0	11.0	9.6	
February	123.5	12.0	9.7	
March	127.5	12.5	9.8	
April	131.5	13.0	9.9	
May	137.0	15.0	10.9	
June	147.0	19.0	12.9	
July	153.0	27.0	17.6	
August	145.0	26.0	17.9	
September	143.0	25.5	17.8	
October	139.0	24.0	17.3	
November	123.0	17.0	13.8	
December	115.0	12.0	10.4	
<u>NORTH CAROLINA</u>				
January	423.0	64.0	15.1	
February	434.5	71.0	16.3	
March	480.0	76.5	15.9	
April	560.0	86.0	15.4	
May	640.0	90.0	14.1	
June	697.5	92.0	13.2	
July	694.0	97.5	14.0	
August	662.0	109.0	16.5	
September	634.5	106.5	16.8	
October	575.5	88.0	15.3	
November	504.5	76.0	15.1	
December	434.5	66.0	15.2	
<u>SOUTH CAROLINA</u>				
January	230.5	56.5	24.5	
February	248.5	68.0	27.4	
March	274.5	71.0	25.9	
April	318.0	80.5	25.3	
May	384.0	107.5	28.0	
June	397.0	119.0	30.0	
July	358.0	109.0	30.4	
August	376.5	113.0	30.0	
September	394.5	118.5	30.0	
October	401.5	128.5	32.0	
November	352.5	106.0	30.1	
December	261.0	61.0	23.4	

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months --Continued --

SOUTH ATLANTIC STATES

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired	Percent	
	Thousands	Thousands	Percent	
<u>GEORGIA</u>				
January	302.0	85.0	28.1	
February	360.0	102.0	28.3	
March	400.0	110.0	27.5	
April	480.0	126.0	26.2	
May	561.0	151.5	27.0	
June	561.0	146.0	26.0	
July	476.5	124.5	26.1	
August	444.0	120.0	27.0	
September	512.0	146.0	28.5	
October	499.0	132.0	26.5	
November	396.0	109.0	27.5	
December	290.5	81.5	28.1	

FLORIDA

January	142.0	72.0	50.7
February	139.0	69.0	49.6
March	141.5	66.0	46.6
April	152.0	72.0	47.4
May	157.0	70.5	44.9
June	132.5	54.0	40.8
July	109.5	39.0	35.6
August	110.0	42.0	38.2
September	133.5	56.0	41.9
October	132.5	55.5	41.9
November	124.5	52.0	41.8
December	146.5	70.0	47.8

EAST SOUTH CENTRAL STATES

	<u>KENTUCKY</u>			
January	304.5	45.5	14.9	
February	299.0	41.5	13.9	
March	307.5	41.5	13.5	
April	320.0	45.5	14.2	
May	342.0	48.0	14.0	
June	360.0	54.0	15.0	
July	346.5	55.5	16.0	
August	335.5	60.0	17.9	
September	360.5	70.0	19.4	
October	341.0	63.0	18.5	
November	328.0	59.0	18.0	
December	303.0	50.0	16.5	

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

EAST SOUTH CENTRAL STATES

Month	Workers needed, 1942			Percentage hired workers are of total Percent
	Total	Hired	Thousands	
	Thousands	Thousands	Thousands	
<u>TENNESSEE</u>				
January	276.0	43.0	15.6	
February	286.0	44.5	15.6	
March	312.5	50.5	16.2	
April	341.0	57.5	16.9	
May	371.5	63.0	17.0	
June	384.5	69.0	17.5	
July	334.0	55.5	17.9	
August	317.0	57.0	18.0	
September	365.0	78.5	21.5	
October	371.5	79.5	21.4	
November	327.0	65.5	20.0	
December	276.0	49.5	17.9	
<u>ALABAMA</u>				
January	332.5	65.5	19.7	
February	354.0	77.0	21.8	
March	395.5	76.0	19.2	
April	493.0	83.0	16.8	
May	571.0	104.5	18.2	
June	560.0	105.0	18.7	
July	469.5	83.5	17.8	
August	469.5	90.5	19.3	
September	600.0	126.0	21.0	
October	572.0	116.5	20.4	
November	421.5	76.5	18.1	
December	328.5	57.5	17.5	
<u>MISSISSIPPI</u>				
January	400.0	44.0	11.0	
February	420.0	53.0	12.6	
March	460.0	54.0	11.7	
April	535.0	58.0	10.8	
May	630.0	84.0	13.3	
June	650.0	104.0	16.0	
July	540.0	89.0	16.5	
August	539.0	86.0	15.9	
September	656.0	121.0	18.4	
October	669.0	134.0	20.0	
November	520.0	98.0	18.8	
December	371.0	50.0	13.5	

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months - Continued -

WEST SOUTH CENTRAL STATES

Month	Workers needed, 1942			Percentage : hired workers : are of total
	Total	Hired	Thousands	
	Thousands	Thousands	Percent	
<u>ARKANSAS</u>				
January	296.0	40.0		13.5
February	297.0	41.0		13.8
March	313.5	48.5		15.5
April	371.0	57.0		15.4
May	470.0	89.0		18.9
June	500.0	110.0		22.0
July	446.5	89.0		19.9
August	430.5	90.5		21.0
September	524.5	157.5		30.0
October	544.0	168.5		31.0
November	428.0	107.0		25.0
December	308.0	46.0		14.9
<u>LOUISIANA</u>				
January	217.0	44.5		20.5
February	237.0	55.0		23.2
March	255.0	65.0		25.5
April	285.0	70.0		24.5
May	323.5	87.0		26.9
June	319.0	86.0		27.0
July	288.0	66.0		22.9
August	271.0	65.0		24.0
September	333.0	93.0		27.9
October	355.0	96.0		27.0
November	273.5	68.0		24.9
December	219.0	48.0		21.9
<u>OKLAHOMA</u>				
January	240.0	35.5		14.8
February	245.0	37.0		15.1
March	250.0	36.0		14.4
April	267.5	40.0		15.0
May	287.0	43.0		15.0
June	315.0	52.0		16.5
July	305.0	50.0		16.4
August	272.5	37.5		13.8
September	280.5	42.0		15.0
October	282.5	48.0		17.0
November	254.5	43.0		16.9
December	239.0	40.0		16.7

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

WEST SOUTH CENTRAL STATES

Month	Workers needed, 1942		
	Total	Hired	Percentage
			hired workers
	Thousands	Thousands	are of total
<u>TEXAS</u>			
January	678.0	209.0	30.8
February	665.0	189.0	28.4
March	700.0	183.0	26.1
April	800.0	218.5	27.3
May	900.0	275.0	30.6
June	960.0	297.0	30.9
July	860.0	282.0	32.8
August	830.0	272.0	32.8
September	940.0	310.0	33.0
October	970.0	325.0	33.5
November	855.0	290.0	33.9
December	715.0	237.5	33.2

MOUNTAIN STATES

MONTANA

January	58.5	11.0	18.8
February	65.0	17.0	26.2
March	69.5	17.5	25.2
April	76.5	21.0	27.4
May	80.0	24.5	30.6
June	85.5	31.5	36.8
July	94.5	39.5	41.8
August	103.0	47.0	45.6
September	96.5	42.5	44.1
October	84.5	31.0	36.7
November	77.0	24.5	31.8
December	64.0	17.0	26.6

IDAHO

January	61.0	12.5	20.5
February	64.0	14.0	21.9
March	64.5	14.0	21.7
April	70.0	17.0	24.3
May	77.0	22.0	28.6
June	94.0	36.0	38.3
July	107.5	47.0	43.7
August	103.0	44.0	42.7
September	89.5	36.0	40.2
October	90.5	33.5	37.0
November	74.5	22.0	29.5
December	62.0	12.5	20.2

- Continued -

Table 4. - Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

MOUNTAIN STATES

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired	Thousands	
			Thousands	Percent
<u>WYOMING</u>				
January	25.5	7.5		29.4
February	26.0	7.0		26.9
March	28.0	8.5		30.4
April	32.0	10.5		32.8
May	33.0	11.0		33.3
June	32.5	11.0		33.8
July	36.5	14.5		39.7
August	39.5	16.5		41.8
September	37.5	16.5		44.0
October	35.5	15.0		42.3
November	25.5	7.5		29.4
December	25.0	7.5		30.0
<u>COLORADO</u>				
January	80.0	20.0		25.0
February	80.0	20.0		25.0
March	84.5	21.0		24.9
April	87.5	22.5		25.7
May	98.0	30.0		30.6
June	112.0	42.5		37.9
July	121.0	48.5		40.1
August	125.5	51.5		41.0
September	118.0	49.5		41.9
October	121.0	51.0		42.1
November	113.5	45.5		40.1
December	88.0	26.0		29.5
<u>NEW MEXICO</u>				
January	60.0	15.0		25.0
February	60.0	16.0		26.7
March	60.0	14.5		24.2
April	65.0	18.0		27.7
May	70.0	19.0		27.1
June	71.0	19.0		26.8
July	70.0	20.0		28.6
August	73.0	24.0		32.9
September	80.0	29.0		36.2
October	77.0	29.0		37.7
November	64.0	21.0		32.8
December	62.0	17.0		27.4

- Continued -

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

Month	MOUNTAIN STATES		
	Workers needed, 1942		
	Total	Hired	Percentage hired workers are of total
	Thousands	Thousands	Percent
	<u>ARIZONA</u>		
January	38.0	17.0	44.7
February	38.0	17.0	44.7
March	38.0	18.0	47.4
April	43.0	22.0	51.2
May	52.0	31.0	59.6
June	49.5	27.0	54.5
July	47.5	23.0	48.4
August	46.5	22.5	48.4
September	51.0	26.5	52.0
October	45.0	21.5	47.8
November	40.0	18.0	45.0
December	40.0	18.0	45.0
	<u>UTAH</u>		
January	32.5	4.0	12.3
February	34.0	5.0	14.7
March	36.5	5.5	15.1
April	37.0	6.0	16.2
May	38.0	6.5	17.1
June	44.0	11.0	25.0
July	43.0	10.0	23.3
August	40.0	9.0	22.5
September	42.0	10.0	23.8
October	39.0	8.0	20.5
November	34.0	5.0	14.7
December	32.0	4.0	12.5
	<u>NEVADA</u>		
January	7.0	2.5	35.7
February	7.0	2.0	28.6
March	8.5	3.5	41.2
April	10.0	5.0	50.0
May	10.0	5.0	50.0
June	11.0	5.5	50.0
July	12.0	6.5	54.2
August	10.0	4.5	45.0
September	10.5	5.5	52.4
October	9.5	5.0	52.6
November	8.0	3.5	43.8
December	7.0	2.5	35.7

- Continued

Table 4.- Number of workers needed in agriculture in 1942, if January production goals are attained, by States and months -Continued-

PACIFIC COAST STATES

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired	Thousands	
	Thousands	Thousands	Percent	
<u>WASHINGTON</u>				
January	97.5	21.5		22.0
February	98.0	20.0		20.4
March	106.0	21.5		20.3
April	114.0	26.0		22.8
May	125.0	36.0		28.8
June	155.0	65.0		41.9
July	183.0	97.0		53.0
August	194.5	100.0		51.4
September	185.0	90.0		48.6
October	154.5	65.0		42.1
November	120.0	40.0		33.3
December	102.0	28.0		27.4
<u>OREGON</u>				
January	69.0	11.5		16.7
February	71.0	12.5		17.6
March	78.0	14.5		18.6
April	85.0	16.0		18.8
May	87.0	18.0		20.7
June	108.5	34.5		31.8
July	134.0	56.0		41.8
August	119.5	53.5		44.8
September	120.5	49.5		41.1
October	109.5	38.0		34.7
November	87.5	26.0		29.7
December	75.5	13.5		17.9
<u>CALIFORNIA</u>				
January	272.0	128.0		47.1
February	285.0	134.5		47.2
March	290.0	138.0		47.6
April	305.0	148.5		48.7
May	330.0	174.0		52.7
June	340.0	184.0		54.1
July	360.0	200.0		55.6
August	390.0	225.0		57.7
September	420.0	255.0		60.7
October	390.0	240.0		61.5
November	350.0	200.0		57.1
December	310.0	170.0		54.8

Table 5.- Number of workers needed in agriculture in 1942, if January production goals are attained, by geographic divisions

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired	Percent	
	Thousands	Thousands	Percent	
<u>NEW ENGLAND</u>				
January	203.0	59.5	28.6	
February	210.5	60.5	28.7	
March	222.5	66.0	29.7	
April	239.5	77.0	32.2	
May	263.5	93.0	35.3	
June	289.0	111.5	38.7	
July	304.5	127.0	41.7	
August	298.0	117.5	40.8	
September	285.0	115.0	40.4	
October	267.0	98.0	36.7	
November	242.5	79.0	32.6	
December	223.0	67.5	30.3	
<u>MIDDLE ATLANTIC</u>				
January	496.5	130.0	26.2	
February	507.5	140.0	27.6	
March	545.5	150.5	27.6	
April	602.0	182.5	30.3	
May	641.0	219.0	34.2	
June	714.5	265.0	37.1	
July	774.5	297.0	38.3	
August	742.0	290.5	39.2	
September	723.0	284.5	39.3	
October	695.5	266.5	38.3	
November	606.5	204.5	33.7	
December	532.5	153.0	28.7	
<u>EAST NORTH CENTRAL</u>				
January	1,238.5	207.5	16.8	
February	1,263.0	211.5	16.7	
March	1,328.5	227.0	17.1	
April	1,465.0	286.0	19.5	
May	1,544.5	325.5	21.1	
June	1,639.0	389.5	23.8	
July	1,675.5	420.5	25.1	
August	1,534.0	341.0	22.2	
September	1,521.0	342.0	22.5	
October	1,532.5	357.0	23.3	
November	1,498.0	321.5	21.5	
December	1,337.0	243.0	18.2	

Table 5.- Number of workers needed in agriculture in 1942, if January production goals are attained, by geographic divisions - Continued -

Month	Workers needed, 1942			Percentage : hired workers : are of total
	Total	Hired	Thousands	
	Thousands	Thousands	Percent	
<u>WEST NORTH CENTRAL</u>				
January	1,423.5	214.5		15.1
February	1,441.5	217.0		15.1
March	1,488.5	225.5		15.1
April	1,630.5	293.0		18.0
May	1,801.0	373.5		20.7
June	1,916.0	417.5		21.8
July	1,976.5	463.0		23.4
August	1,856.5	430.0		23.2
September	1,793.5	405.5		22.6
October	1,742.0	375.5		21.6
November	1,635.5	316.5		19.4
December	1,459.5	248.0		17.0
<u>SOUTH ATLANTIC</u>				
January	1,492.0	359.0		24.1
February	1,610.0	398.5		24.8
March	1,756.0	418.5		23.8
April	1,998.0	469.0		23.5
May	2,269.0	540.5		23.8
June	2,358.0	548.5		23.3
July	2,207.0	512.5		23.2
August	2,126.5	511.5		24.1
September	2,219.5	571.0		25.7
October	2,088.0	540.5		25.9
November	1,821.5	459.0		25.2
December	1,533.5	362.0		23.6
<u>EAST SOUTH CENTRAL</u>				
January	1,313.0	198.0		15.1
February	1,359.0	216.0		15.9
March	1,475.5	222.0		15.0
April	1,689.0	244.0		14.4
May	1,914.5	299.5		15.6
June	1,954.5	332.0		17.0
July	1,690.0	286.5		17.0
August	1,661.0	293.5		17.7
September	1,981.5	395.5		20.0
October	1,953.5	393.0		20.1
November	1,596.5	299.0		18.7
December	1,278.5	207.0		16.2

Table 5.- Number of workers needed in agriculture in 1942, if January production goals are attained, by geographic divisions - Continued -

Month	Workers needed, 1942			Percentage hired workers are of total
	Total	Hired	Percent	
	Thousands	Thousands	Percent	
<u>WEST SOUTH CENTRAL</u>				
January	1,431.0	329.0	23.0	
February	1,444.0	322.0	22.3	
March	1,518.5	332.5	21.9	
April	1,723.5	385.5	22.4	
May	1,980.5	494.0	24.9	
June	2,094.0	545.0	26.0	
July	1,899.5	487.0	25.6	
August	1,804.0	465.0	25.8	
September	2,078.0	602.5	29.0	
October	2,151.5	637.5	29.6	
November	1,811.0	508.0	28.1	
December	1,481.0	371.5	25.1	
<u>MOUNTAIN</u>				
January	362.5	89.5	24.5	
February	374.0	98.0	26.2	
March	389.5	102.5	26.4	
April	421.0	122.0	29.0	
May	455.0	149.0	32.5	
June	499.5	183.5	36.7	
July	532.0	209.0	39.3	
August	540.5	219.0	40.5	
September	525.0	215.5	41.0	
October	502.0	194.0	38.6	
November	436.5	147.0	33.7	
December	380.0	104.5	27.5	
<u>PACIFIC</u>				
January	438.5	161.0	36.7	
February	454.0	167.0	36.8	
March	474.0	174.0	36.7	
April	504.0	190.5	37.8	
May	542.0	228.0	42.1	
June	603.5	283.5	47.0	
July	677.0	353.0	52.1	
August	704.0	378.5	53.7	
September	725.5	394.5	54.4	
October	654.0	343.0	52.4	
November	557.5	266.0	47.7	
December	487.5	211.5	43.4	

Table 6.- Number of agricultural workers needed in the United States in 1942, if January production goals are attained

Amount	Workers needed, 1942		
	Total	Hired	Percentage
			hired workers are of total
	Thousands	Thousands	Percent
<u>UNITED STATES</u>			
January	8,403.5	1,748.0	20.8
February	8,663.5	1,830.5	21.1
March	9,198.5	1,918.5	20.9
April	10,272.5	2,249.5	21.9
May	11,414.0	2,722.0	23.8
June	12,068.0	3,076.0	25.5
July	11,736.5	3,155.5	26.9
August	11,256.5	3,046.5	27.1
September	11,852.0	3,326.0	28.1
October	11,586.0	3,205.0	27.7
November	10,205.5	2,600.5	25.5
December	8,712.5	1,968.0	22.6